INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

SERIAL NO. 10/526,708

470/04441 APPLICANT(S)

Tami HAREL et al.

ATTY DOCKET NO.

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September 20, 2005

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | Filing date if appropriate |
|------------------|-----|--------------------|------------|------------------|-------|---------------|----------------------------|
| /CF/ | 1. | 1,918,386 | 18 Jul '33 | ESAU | T . | | |
| | 2. | 3,541,390 | 17 Nov '70 | JAHNKE | | | |
| | 3. | 3,796,221 | 12 Mar '74 | HAGFORS | | | |
| | 4. | 3,911,930 | 14 Oct '75 | HAGFORS et al. | | | |
| | 5. | 3,933,147 | 20 Jan '76 | DU VALL et al. | | | |
| | 6. | 4,337,776 | 06 Jul '82 | DALY et al. | | | |
| | 7. | 4,406,288 | 27 Sep '83 | HORWINSKI et al. | | | |
| 1 | 8. | 4,411,268 | 25 Oct '83 | COX | | | |
| V | 9. | 4,428,366 | 31 Jan '84 | FINDL et al. | | | |
| /CF/ | 10. | 4,537,195 | 27 Aug '85 | MCDONNELL | | | |

U.S. PATENT APPLICATION PUBLICATIONS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- | Filing date if |
|---------------------|-----|--------------------|------------|---------------|-------|-------|----------------|
| INITIAL | | NUMBER | | | | CLASS | appropriate |
| /CF/ | 11. | 2002/0026141 | 28 Feb '02 | HOUBEN et al. | , | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT . | DATE | COUNTRY | CLASS | SUB- | TRANSLATION | |
|----------|-----|--------------|------------|---------|-------|-------|-------------|----|
| INITIAL | | NUMBER | | | | CLASS | YES | NO |
| /CF/ | 12. | GB 1 394 171 | 14 May '75 | UNITED | | | | |
| 7017 | | | | KINGDOM | | | | |
| /CF/ | 13. | SU 1827793 | 10 May '95 | RUSSIA | | | ✓ | |
| /CF/ | 14. | RU 2014844 | 30 Jun '94 | RUSSIA | | | 1 | |
| /CF/ | 15. | RU 2055606 | 10 Mar '96 | RUSSIA | | | 1 | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| | 16. | · · · · · · · · · · · · · · · · · · · |
|----------|-----|--|
| /CF/ | | Glucagon Secretion from the Pancreas of Normal and Diabetic Rats;" Horm Metab |
| | | Res 2001; Vol. 33; Pages 281-289 |
| | 17. | ANTONI, H. et al., "Polarization Effects of Sinusoidal 50-Cycle Alternating Current |
| /CF/ | | on Membrane Potential of Mammalian Cardiac Fibres"; Pflugers Arch.; 1970; 314; pp. 274-291 |
| /CF/ | 18. | BABSKY YE. B. et al., "Physiology of Man"; M. Medicine; 1972; pp. 350-385 |
| EVAMINED | 10 | N. 1 I FI LIGATIONOS DATES CONCERNOS |

EXAMINER /Christopher Flory/ (07/12/2007)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| ATTY DOCKET NO. 470/04441 | SERIAL NO. 10/526,708 |
|--------------------------------|--------------------------|
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | Filing date if appropriate |
|------------------|-----|--------------------|------------|-------------------|-------|---------------|----------------------------|
| /CF/ | 19. | 4,537,203 | 27 Aug '85 | MACHIDA | | | |
| | 20. | 4,554,922 | 26 Nov '85 | PRYSTOWSKY et al. | | | |
| | 21. | 4,850,959 | 25 Jul '89 | FINDL | | | |
| | 22. | 5,031,617 | 16 Jul '91 | KLETTNER | | - | |
| | 23. | 5,083,564 | 28 Jan '92 | SCHERLAG | | | |
| | 24. | 5,097,833 | 24 Mar '92 | CAMPOS | | | |
| | 25. | 5,101,814 | 07 Apr '92 | PALTI | | | |
| V | 26. | 5,144,554 | 01 Sep '92 | ZHANG et al. | | | |
| /CF/ | 27. | 5,188,104 | 23 Feb '93 | WERNICKE et al. | | | |

U.S. PATENT APPLICATION PUBLICATIONS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLA SS | SUB- CLASS | Filing date if appropriate |
|------------------|-----|--------------------|------------|---------------|-----------|---------------|----------------------------|
| /CF/ | 28. | 2002/0081732 | 27 Jun '02 | BOWLIN et al. | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- | UB- TRANSLAT | |
|----------|-----|--------------------|------------|---------|-------|-------|--------------|----|
| INITIAL | | NUMBER | | | CLAS | CLASS | YES | NO |
| /CF/ | 29. | RU 2075980 | 27 Mar '97 | RUSSIA | | | 4 | |
| /CF/ | 30. | RU 2077273 | 20 Apr '97 | RUSSIA | | | 1 | |
| /CF/ | 31. | RU 2078547 | 10 May '97 | RUSSIA | | | 1 | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| /CF/ | 32. | Release in Glucose-Stimulated Par | BERGSTEN, P. et al.; "Synchronous Oscillations of Cytoplasmic Ca ²⁺ and Insulin Release in Glucose-Stimulated Pancreatic Islets;" March 1994; The Journal of Biological Chemistry; Vol. 269; No. 12; Pages 8749-8753 | | | | | |
|---|-----|--|---|--|--|--|--|--|
| /CF/ | 33. | | st and Taylor's Physiological Basis of Medical Practice; edited by WEST, J. B.; th Edition; Chapter 50; "The Endocrine Pancreas;" Pages 754-769; Williams & ilkins | | | | | |
| /CF/ | 34. | BOGOLYUBOV, V.M. et al; "Ball v. 2; pp. 420 | OGOLYUBOV, V.M. et al; "Balneology and Physiotherapy"; M. Medicine; 1985; | | | | | |
| EXAMINER /Christopher Flory/ (07/12/2007) | | | DATE CONSIDERED 07/12/2007 | | | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

September 20, 2005

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | Filing date if appropriate |
|------------------|-----|--------------------|------------|-----------------|-------|---------------|---------------------------------------|
| /CF/ | 35. | 5,205,284 | 27 Apr '93 | FREEMAN | | | |
| | 36. | 5,231,988 | 03 Aug '93 | WERNICKE et al. | | | |
| | 37. | 5,292,344 | 08 Mar '94 | DOUGLAS | | | |
| | 38. | 5,320,642 | 14 Jun '94 | SCHERLAG | | | |
| | 39. | 5,397,344 | 14 Mar '95 | GARFIELD et al. | | | |
| | 40. | 5,423,872 | 13 Jun '95 | CIGAINA | | | |
| V | 41. | 5,447,526 | 05 Sep '95 | KARSDON | | | · · · · · · · · · · · · · · · · · · · |
| /CF/ | 42. | 5,540,730 | 30 Jul '96 | TERRY et al. | | | |

U.S. PATENT APPLICATION PUBLICATIONS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME . | CLA SS | SUB- CLASS | Filing date if appropriate |
|------------------|-----|--------------------|------------|----------------|-----------|---------------|----------------------------|
| · /CF/ | 43. | 2003/0055464 | 20 Mar '03 | DARVISH et al. | 35 | 00.100 | ирр. орт.ш.о |

FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT | DATE | COUNTRY | CLASS | SUB- | TRANSLATION | |
|----------|-----|-------------|------------|---------|-------|-------|-------------|----|
| INITIAL | | NUMBER | · | . , | | CLASS | YES | NO |
| /CF/ | 44. | SU 386634 | 21 Apr '73 | RUSSIA | | | 1 | |
| /CF/ | 45. | SU 553977 | 15 Apr '77 | RUSSIA | | | √ | |
| /CF/ | 46. | SU 831131 | 23 May '81 | RUSSIA | | | √ | |
| /CF/ | 47. | WO 00/53257 | 14 Sep '00 | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| | | 222212 0 001121120 (12012011g 112010) 1 1110) 2 1101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
|----------|-----|--|--|--|--|--|--|
| /CF/ | 48. | BOUAZIZ, A. et al.; "Direct Electrical Stimulation of Insulin Secretion by Intact Murine Islets of Langerhans Through the Culture Support;" 1998; Electro- and Magnetobiology; Vol. 17; No. 2; Pages 171-184 | | | | | |
| /CF/ | 49. | DAVIS, S. N. et al.; "Insulin, Oral Hypoglycemic Agents, and the Pharmacology of the Endocrine Pancreas;" The Pharmacological Basis of Therapeutics; Chapter 60; pages 1487-1499; Pages 1507-1510 | | | | | |
| /CF/ | 50. | DEVEDEUX, D. et al, "Uterine electromyography: a critical review"; Am. J. Obstet. Gynecol.; 1993; vol. 169(6); pp. 1636-53; abstract of article | | | | | |
| EXAMINER | /(| Christopher Flory/ (07/12/2007) DATE CONSIDERED 07/12/2007 | | | | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FILING | GROUP |
| September 20, 2005 | 3762 |

U.S. PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | Filing date if appropriate |
|-----|--|--|--|--|--|---|
| 51. | 5,540,734 | 30 Jul '96 | ZABARA | | | |
| 52. | 5,556,760 | 17 Sep '96 | NAKAMURA et al. | | | |
| 53. | 5,561,165 | 01 Oct '96 | LAUTT et al. | | | |
| 54. | 5,690,691 | 25 Nov '97 | CHEN et al. | | | |
| 55. | 5,741,791 | 21 Apr '98 | OLSEN | | | |
| 56. | 5,800,464 | 01 Sep '98 | KIEVAL | | | |
| 57. | 5,814,079 | 29 Sep '98 | KIEVAL | | | |
| 58. | 5,861,014 | 19 Jan '99 | FAMILONI | | | |
| 59. | 5,871,506 | 16 Feb '99 | MOWER | | | |
| | 52. 53. 54. 55. 56. 57. | NUMBER 51. 5,540,734 52. 5,556,760 53. 5,561,165 54. 5,690,691 55. 5,741,791 56. 5,800,464 57. 5,814,079 58. 5,861,014 | NUMBER 51. 5,540,734 30 Jul '96 52. 5,556,760 17 Sep '96 53. 5,561,165 01 Oct '96 54. 5,690,691 25 Nov '97 55. 5,741,791 21 Apr '98 56. 5,800,464 01 Sep '98 57. 5,814,079 29 Sep '98 58. 5,861,014 19 Jan '99 | NUMBER ZABARA 51. 5,540,734 30 Jul '96 ZABARA 52. 5,556,760 17 Sep '96 NAKAMURA et al. 53. 5,561,165 01 Oct '96 LAUTT et al. 54. 5,690,691 25 Nov '97 CHEN et al. 55. 5,741,791 21 Apr '98 OLSEN 56. 5,800,464 01 Sep '98 KIEVAL 57. 5,814,079 29 Sep '98 KIEVAL 58. 5,861,014 19 Jan '99 FAMILONI | NUMBER ZABARA 51. 5,540,734 30 Jul '96 ZABARA 52. 5,556,760 17 Sep '96 NAKAMURA et al. 53. 5,561,165 01 Oct '96 LAUTT et al. 54. 5,690,691 25 Nov '97 CHEN et al. 55. 5,741,791 21 Apr '98 OLSEN 56. 5,800,464 01 Sep '98 KIEVAL 57. 5,814,079 29 Sep '98 KIEVAL 58. 5,861,014 19 Jan '99 FAMILONI | NUMBER CLASS 51. 5,540,734 30 Jul '96 ZABARA 52. 5,556,760 17 Sep '96 NAKAMURA et al. 53. 5,561,165 01 Oct '96 LAUTT et al. 54. 5,690,691 25 Nov '97 CHEN et al. 55. 5,741,791 21 Apr '98 OLSEN 56. 5,800,464 01 Sep '98 KIEVAL 57. 5,814,079 29 Sep '98 KIEVAL 58. 5,861,014 19 Jan '99 FAMILONI |

U.S. PATENT APPLICATION PUBLICATIONS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLA SS | SUB- CLASS | Filing date if appropriate |
|------------------|-----|--------------------|------------|-------|-----------|---------------|----------------------------|
| /CF/ | 60. | 2003/0181958 | 25 Sep '03 | DOBAK | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT | DATE | COUNTRY | CLASS | SUB- | TRANSLATION | |
|----------|-----|--------------|------------|---------|-------|-------|-------------|----|
| INITIAL | | NUMBER | | | | CLASS | YES | МО |
| /CF/ | 61. | WO 01/91854 | 06 Dec '01 | PCT | | | | |
| /CF/ | 62. | WO 02/053093 | 11 Jul '02 | PCT | | | | |
| /CF/ | 63. | WO 02/082968 | 24 Oct '02 | PCT | | | | |
| /CF/ | 64. | WO 03/045493 | 05 Jun '03 | PCT | · | | | - |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| | _ | 8 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / | | | | | | |
|----------|-----|---|--|--|--|--|--|--|
| | 65. | , | | | | | | |
| /CF/ | | Release of Newly Synthesized Insulin; October 1, 1982; Science; Vol. 218; Pages 56- | | | | | | |
| | · | 58 | | | | | | |
| | 66. | GOMIS, A. et al.; "Oscillatory Patterns of Electrical Activity in Mouse Pancreatic | | | | | | |
| /CF/ | | Islets of Langerhans Recorded in Vivo;" July 1996; Pflügers Arch. – Eur. J. Physiol.; | | | | | | |
| | | Vol. 432, No. 3; Pages 510-515 | | | | | | |
| | 67. | HINKE, S. A. et al.; "Dipeptidyl Peptidase IV (DPIV/CD26) Degradation of | | | | | | |
| /CF/ | | Glucagon, Characterization of Glucagon Degradation Products and DPIV-Resistant | | | | | | |
| 1 1 0 , | | | | | | | | |
| | | Analogs;" February 11, 2000; The Journal of Biological Chemistry 2000; Vol. 275; | | | | | | |
| | | No. 6; Pages 3827-3834 | | | | | | |
| EXAMINER | /(| Christopher Flory/ (07/12/2007) DATE CONSIDERED 07/12/2007 | | | | | | |

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|--------------------------------|--------------------------|
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| FILING | GROUP |
| September 20, 2005 | 3762 |

U.S. PATENT DOCUMENTS

| | T | | | | | | |
|----------|-----|-----------|-------------|-----------------|-----------|-------|----------------|
| EXAMINER | | DOCUMENT | DATE | NAME | CLASS | SUB- | Filing date if |
| INITIAL | | NUMBER | | | <u>l.</u> | CLASS | appropriate |
| /CF/ | 68. | 5,919,216 | 06 Jul '99 | HOUBEN et al. | | | |
| | 69. | 5,991,649 | 23 Nov '99 | GARFIELD et al. | | | |
| | 70. | 5,995,872 | 30 Nov '99 | BOURGEOIS | | | |
| | 71. | 6,026,326 | 15 Feb '00 | BARDY | | | |
| | 72. | 6,066,163 | 23 May '00 | JOHN | | | |
| | 73. | 6,083,249 | 04 Jul '00 | FAMILONI | | | |
| | 74. | 6,093,167 | 25 Jul '00 | HOUBEN et al. | | | |
| V | 75. | 6,135,978 | 24 Oct '00 | HOUBEN et al. | | | |
| /CF/ | 76. | 6,243,607 | 05 Jun '01' | MINTCHEV et al. | | | |

U.S. PATENT APPLICATION PUBLICATIONS

| EXAMINER | | DOCUMENT | DATE | NAME | CLA | SUB- | Filing date if |
|----------|-----|--------------|------------|--------------|-----|--------|----------------|
| INITIAL | | NUMBER | | | SS | CLASS. | appropriate |
| /CF/ | 77. | 2003/0208242 | 06 Nov '03 | HAREL et al. | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT | DATE | COUNTRY | CLASS | SUB- | TRANSLATIO | |
|----------|-----|-------------|------------|---------|-------|-------|------------|----|
| INITIAL | | NUMBER | | | : | CLASS | YES | NO |
| /CF/ | 78. | WO 93/02743 | 18 Feb '93 | PCT | | ٠. | | |
| /CF/ | 79. | WO 93/18820 | 30 Sep '93 | PCT | | | | |
| /CF/ | 80. | WO 94/17855 | 18 Aug '94 | PCT | | | | |
| /CF/ | 81. | WO 96/10358 | 11 Apr '96 | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| /CF/ | 82. | HOLST, J. J. et al.; "Nervous Control of Pancreatic Endocrine Secretion in Pigs;" January 1981; Acta Physiologica Scandinavica; Vol. 111; Pages 1-7; XP000980527 |
|----------|-----|--|
| /CF/ | 83. | |
| /CF/ | 84. | JAREMKO, J. et al.; "Advances Toward the Implantable Artificial Pancreas for Treatment of Diabetes;" March 1998; Diabetes Care; Vol. 21, No. 3; Pages 444-450 |
| EXAMINER | /Cł | nristopher Flory/ (07/12/2007) DATE CONSIDERED 07/12/2007 |

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | Filing date if appropriate |
|------------------|-----|--------------------|------------|-----------------|-------|---------------|----------------------------|
| /CF/ | 85. | 6,261,280 | 17 Jul '01 | HOUBEN et al. | | | |
| | 86. | 6,292,693 | 18 Sep '01 | DARVISH et al. | | | |
| | 87. | 6,296,693 | 02 Oct '01 | MCCARTHY | | | |
| | 88. | 6,298,254 | 02 Oct '01 | TAMADA | | | |
| | 89. | 6,298,268 | 02 Oct '01 | BEN-HAIM et al. | • | | |
| | 90. | 6,363,279 | 26 Mar '02 | BEN-HAIM et al. | - | | |
| V | 91. | 6,381,495 | 30 Apr '02 | JENKIS | | | |
| /CF/ | 92. | 6,424,864 | 23 Jul '02 | MATSUURA | | | |

U.S. PATENT APPLICATION PUBLICATIONS

| ì | EXAMINER | | DOCUMENT | DATE | NAME | CLA | SUB- | Filing date if |
|---|----------|-----|--------------|------------|-----------------|-----|-------|----------------|
| | INITIAL | | NUMBER | | | SS | CLASS | appropriate |
| | /CF/ | 93. | 2004/0059393 | 25 Mar '04 | POLICKER et al. | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT | DATE | COUNTRY | CLASS | SUB- | TRANSL | ATION |
|----------|-----|-------------|------------|---------|-------|-------|--------|-------|
| INITIAL | | NUMBER | | | | CLASS | YES | NO |
| /CF/ | 94. | WO 97/15227 | 01 May '97 | PCT | | | | |
| /CF/ | 95. | WO 97/25098 | 17 Jul '97 | PCT | | | | |
| /CF/ | 96. | WO 97/26042 | 24 Jul '97 | PCT. | | | | |
| /CF/ | 97. | WO 97/27900 | 07 Aug '97 | PCT | | | 1 | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| | U | THER DOCUMENTS (Including | Author, Title, Date Pe | ertinent Pages, Etc.) |
|----------|------|---|--------------------------|----------------------------|
| /CF/ | 98. | ZHOU, X. et al, "Prevention of A Stimulation of Long Duration"; J 779-789 | | |
| /CF/ | 99. | KUFFLER, S. W. et al.; "Release 241-261; From Neuron to Brain, System; Second Edition; Sinauer Massachusetts | a Cellular Approach to t | he Function of the Nervous |
| /CF/ | 100. | KUROSE, T. et al.; "Glucagon, Is Sympathetic Neural Activation in with the Isolated Perfused Rat Par Pages 1035-1041 | Streptozotocin-Induced | l Diabetic Rats. A Study |
| EXAMINER | /Ch | nristopher Flory/ (07/12/2007) | DATE CONSIDERED | 07/12/2007 |

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U.S. PATENT DOCUMENTS

| EXAMINE INITIAL | ER | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | Filing date if appropriate |
|-----------------|------|--------------------|------------|------------------|-------|---------------|----------------------------|
| /CF/ | 101. | 6,449,511 | 10 Sep '02 | MINTCHEV et al. | | | |
| | 102. | 6,558,345 | 06 May '03 | HOUBEN et al. | | | |
| | 103. | 6,571,127 | 27 May '03 | BEN-HAIM et al. | | | |
| | 104. | 6,572,542 | 3 Jun '03 | HOUBEN et al. | | | |
| | 105. | 6,600,953 | 29 Jul '03 | FLESLER et al. | | | |
| | 106. | 6,612,983 | 02 Sep '03 | MARCHAL | | | |
| | 107. | 6,630,123 | 07 Oct '03 | WOLTERING et al. | | | |
| V | 108. | 6,652,444 | 25 Nov '03 | ROSS | | | |
| /CF/ | 109. | 6,658,297 | 02 Dec '03 | LOEB | | | |

U.S. PATENT APPLICATION PUBLICATIONS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLA SS | SUB- CLASS | Filing date if appropriate |
|------------------|------|--------------------|------------|--------------|-----------|---------------|----------------------------|
| /CF/ | 110. | 2004/0249421 | 09 Dec '04 | HAREL et al. | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT | DATE | COUNTRY | CLASS | SUB- | TRANSLATION | |
|----------|------|-------------|------------|---------|-------|-------|-------------|----|
| INITIAL | | NUMBER | | | | CLASS | YES | NO |
| /CF/ | 111. | WO 98/10828 | 19 Mar '98 | PCT | | | | |
| /CF/ | 112. | WO 98/10829 | 19 Mar '98 | PCT | | | | |
| /CF/ | 113. | WO 98/10830 | 19 Mar '98 | PCT | | | | |
| /CF/ | 114. | WO 98/10831 | 19 Mar '98 | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| /CF/ | S | IU, S. et al.; "2-Pyridylthioureas: Novel Nonpeptide Somatostatin Agonists with ST ₄ Selectivity;" April 1999; Current Pharmaceutical Design; Vol. 5; No. 4; Pages 55-263 |
|----------|------------------|---|
| /CF/ | T P D U | UIKEN, J. J. et al.; "Contraction-Induced Fatty Acid Translocase/CD36 Translocation in Rat Cardiac Myocytes Is Mediated Through AMP-Activated Trotein Kinase Signaling;" July 2003; Diabetes; Vol. 52, No. 7; Pages 1627-1634; Department of Physiology, Cardiovascular Research Institute Maastricht; Maastricht University; the Netherlands and Department of Kinesiology; University of Waterloo; Vaterloo; Canada |
| EXAMINER | /Chris | stopher Flory/ (07/12/2007) DATE CONSIDERED 07/12/2007 |

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | Filing date if appropriate |
|------------------|------|--------------------|------------|-------|-------|---------------|----------------------------|
| /CF/ | 117. | 5,190,041 | 02 Mar '93 | PALTI | | | |

U.S. PATENT APPLICATION PUBLICATIONS

| EXAMINER | DOCUMENT | DATE | NAME | CLA | SUB- | Filing date if |
|----------|----------|------|------|-----|-------|----------------|
| INITIAL | NUMBER | | | SS | CLASS | appropriate |
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FOREIGN PATENT DOCUMENTS

| EXAMINER | | DOCUMENT | DATE | COUNTRY | CLASS | SUB- | TRANSL | ATION |
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| /CF/ | 118. | WO 98/10832 | 19 Mar '98 | PCT | | | | |
| /CF/ | 119. | WO 98/56378 | 17 Dec '98 | PCT | | | | |
| /CF/ | 120. | WO 98/57701 | 23 Dec '98 | PCT | | | | |
| /CF/ | 121. | WO 99/03533 | 28 Jan '99 | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| /CF/ | 122. | Electrical Activity. II. Mitochond | -Cell Mitochondrial Calcium Handling and rial Variables;" April 1998; American Journal of | | | |
|---|------|------------------------------------|---|--|--|--|
| | | Physiology; Vol. 274; Cell Physi | ol. 43; Pages C1174-C1184 | | | |
| | 123. | MEURER, J. A. et al.; "Propertie | s of Native and In Vitro Glycosylated Forms of the | | | |
| /CF/ | | Glucagon-Like Peptide-1 Receptor | or Antagonist Exendin (9-39);" June 1999; | | | |
| Metabolism; Vol. 48; No. 6; Pages 716-724 | | | | | | |
| | 124. | MISLER, S. et al.; "Electrophysic | ology of Stimulus-Secretion Coupling in Human b- | | | |
| /CF/ | | Cells;" October 1992; Diabetes; V | Vol. 41; Pages 1221-1228 | | | |
| | 125. | NADAL, A. et al.; "Homologous | and Heterologous Asynchronicity Between | | | |
| /CF/ | | Identified α-, β- and δ-Cells With | in Intact Islets of Langerhans in the Mouse;" May | | | |
| | | 1999; Journal of Physiology Vol. | 517, Pt. 1; Pages 85-93 | | | |
| | 126. | OHINATA, K. et al.; "Proadreno | medullin N-Terminal 20 Peptide (PAMP) Elevates | | | |
| /CF/ | | Blood Glucose Levels Via Bombe | esin Receptor in Mice;" 12 May 2000; FEBS | | | |
| | | Letters; Vol. 473; No. 2; Pages 20 | 07-211 | | | |
| /CF/ | 127. | PALTI, Y. et al.; "Islets of Lange | rhans Generate Wavelike Electric Activity | | | |
| 'CF' | | Modulated by Glucose Concentra | tion;" May 1996; Diabetes; Vol. 45; pages 595-601 | | | |
| EXAMINER | /C | Christopher Flory/ (07/12/2007) | DATE CONSIDERED 07/12/2007 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

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ATTY DOCKET NO. SERIAL NO. 10/526,708 470/04441 INFORMATION DISCLOSURE CITATION APPLICANT(S) (Use several sheets if necessary) Tami HAREL et al. GROUP FILING 3762 **September 20, 2005**

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| | U.S. | PATENT | APPLI | CATION PUI | BLICA | TIONS | | |
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| INITIAL | NUMBER | | | | | CL | ASS Y | ES NO |
| | | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| | | 128. | PARK, H. S. et al.; "Significant Cholinergic Role in Secretin-Stimulated Exocrine | | | | | | |
|---------|-------------|-------------|--|--|--|--|--|--|--|
| /C | F/ | | Secretion in Isolated Rat Pancreas;" February 1998; American Journal of | | | | | | |
| | | | Physiology; Vol. 274; No. 2; Pt. 1; Pages G413-G418; XP002157834 | | | | | | |
| | | 129. | POKROVSKY, V.M. et al; "Physiology of Man"; Moscow; Medicine; 1997; vol. 1; | | | | | | |
| | | | pp.82-83, 94; vol. 2; pp. 42, 54 and translation of extracts | | | | | | |
| | | 130. | PØRKSEN, N. et al.; "Pulsatile Insullin Secretion: Detection, Regulation, and Role | | | | | | |
| | | | in Diabetes;" February 2002; Department of Endocrinology and Metabolism M, | | | | | | |
| | | | Aarhus University Hospital; Aarhus; Denmark; Diabetes; Vol. 51; Supplement 1; | | | | | | |
| | | | Section 6: "Pulsatile and Phasic Insulin Release in Normal and Diabetic Men;" | | | | | | |
| | | | Pages S245-S254 | | | | | | |
| • (| | 131. | RIVERA, V. M. et al.; "Regulation of Protein Secretion Through Controlled | | | | | | |
| | | ļ | Aggregation in the Endoplasmic Reticulum;" February 4, 2000; Science, Vol.287. | | | | | | |
| | | | Pages 826-830 | | | | | | |
| | | 132. | SAVELIEV, V.S. et al, "Guidebook on Clinical Endoscopy"; M. Medicine; 1985; | | | | | | |
| | | | pp. 21, 35 and translation of extracts | | | | | | |
| | | 133. | SCHIRRA, J. et al.; "Exendin(9-39)amide Is an Antagonist of Glucagon-Like | | | | | | |
| \ | / | | Peptide-1(7-36)amide in Humans;" April 1, 1998; Journal of Clinical Investigation; | | | | | | |
| | | | Vol. 101; No. 7; Pages 1421-1430 | | | | | | |
| | | 134. | SERRE, V. et al.; "Exendin-(9-39) Is an Inverse Agonist of the Murine Glucagon- | | | | | | |
| IC | CF/ | | Like Peptide-1 Receptor: Implications for Basal Intracellular Cyclic Adenosine 3',5'- | | | | | | |
| 10 | <i>/</i> [/ | | Monophosphate Levels and B-Cell Glucose Competence;" November 1998; | | | | | | |
| | | | Endocrinology; Vol. 139; No. 11; Pages 4448-4454 | | | | | | |
| EXAN | AINER | /Cł | oristopher Flory/ (07/12/2007) DATE CONSIDERED 07/12/2007 | | | | | | |
| *EXA | MINER | : Initial i | f reference considered, whether or not citation is in conformance with MPEP 609; Draw line through | | | | | | |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | riling date if appropriate |
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U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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| | | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| 10 | CF/ | 135. | SHAH, P. et al.; "Impact of Lack of Suppression of Glucagon on Glucose Tolerance in Humans; August 1999; American Journal of Physiology; Vol. 277 (2 pt 1); Pages E283-E290 |
|------|-------|-------------|---|
| | | 136. | SHMIT, R. et al; "Physiology of Man"; Moscow; Mir; 1996; vol. 1; pp. 78 and translation of extract |
| | | 137. | SHUBA, M.F. et al; "Physiology of vessel smooth muscles"; Kiev; Naukova Dumka; 1988; pp. 11-15; 142 and translation of extracts |
| | | 138. | SINGH, J. et al.; "Effects of Islet Hormones on Nerve-Mediated and Acetylcholine-Evoked Secretory Responses in the Isolated Pancreas of Normal and Diabetic Rats;" March 1998; International Journal of Molecular Medicine; Vol. 1; No. 3; Pages 627-634; XP000980499 |
| | | 139. | SORIA, B. et al.: "Cytosolic Calcium Oscillations and Insulin Release in Pancreatic Islets of Langerhans;" February 1998; Diabetes & Metabolism (Paris;) Vol. 24, No. 1; Pages 37-40 |
| | / | 140. | VALDEOLMILLOS, M. et al.; "In-Vivo b-Cell Synchronous Oscillations;" 1996; Journal of Physiology; Vol. 493; No. 1; Pages 9-18 |
| /(| CF/ | 141. | VAN RIPER, D. et al, "Electrical Field Stimulation – Mediated Relaxation of a Rabbit Middle Cerebral Artery"; Circulation Research; 1992; vol. 70; pp. 1104-1112 |
| EXA | MINER | /Ch | ristopher Flory/ (07/12/2007) DATE CONSIDERED 07/12/2007 |
| *EXA | MINER | : Initial i | f reference considered, whether or not citation is in conformance with MPEP 609; Draw line through |

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OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| EXAMINER | /Chris | stopher Flory/ (07/12/2007) DATE CONSIDERED 07/12/2007 |
|----------|--------|---|
| | | Deparcreatized Rats by Poly(ADP-Ribose) Synthetase Inhibitors. Evidence of Islet B-Cell Regeneration;" April 1984; Diabetes; Vol. 33; No. 4; Pages 401-404 |
| /CF/ | 144. | YONEMURA, Y. et al.; "Amelioration of Diabetes Mellitus in Partially |
| /CF/ | | Glucagon Receptor;" May 2000; Acta Crystallographica Section D Biological Crystallography; Vol. 56 (pt 1); Pages 573-580 |
| | 143. | WRIGHT, L. M. et al.; "Stracture of Fab hGR-2 F6, a Competitive Antagonist of the |
| | | Physiology; Vol. 276 (1 pt 1); Pages E19-E24 |
| /CF/ | 142. | WANG, F. et al.; "Islet Amyloid Polypeptide Tonally Inhibits β-, α-, and δ-Cell Secretion in Isolated Rat Pancreatic Islets;" January 1999; American Journal of |

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